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APPLICATION NO.	FILING DATE	FIRS	T NAMED INVENTOR	· .	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,630	07/09/2003	7	sung-Kan Cheng	-	2001035	3400
7:	590 05/17/2004			•	EXAM	INER .
Keith Kline	Keith Kline PRO-TECHTOR INTERNATIONAL SER		VICES.		FUNK, STEPHEN R	
20775 Norada	•	SERVICES			ART UNIT	PAPER NUMBER
Saratoga, CA	95070-3018			•	2854	
	•		•	*	DATE MAILED: 05/17/2004	1

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)						
Office Action Commercia		10/616,630	CHENG, TSUNG-KA	CHENG, TSUNG-KAN					
	Office Action Summary	Examiner	Art Unit						
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Period fo	• •			ess					
- Exte after - If the - If NO - Failu Any	MAILING DATE OF THIS COMMUNICATION. Insigns of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. It is period for reply specified above is less than thirty (30) days, a reply of period for reply is specified above, the maximum statutory period we are to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a repl within the statutory minimum of thirty (3) will apply and will expire SIX (6) MONTH cause the application to become ARAN	ly be timely filed 30) days will be considered timely. IS from the mailing date of this comm	unication.					
Status			9						
1)	Responsive to communication(s) filed on		•						
2a)□		action is non-final.							
. 3)	Since this application is in condition for allowar		s prospection on to the m	auita ia					
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Dispositi	ion of Claims								
4)⊠	Claim(s) 1-5 is/are pending in the application.								
	4a) Of the above claim(s) is/are withdrawn from consideration.								
5)	Claim(s) is/are allowed.		•						
6)⊠	Claim(s) <u>1-5</u> is/are rejected.								
7)	Claim(s) is/are objected to.			· .					
8)	Claim(s) are subject to restriction and/or	election requirement.	**						
Applicati	on Papers								
9)🛛	The specification is objected to by the Examiner								
	The drawing(s) filed on <u>09 July 2003</u> is/are: a)		d to by the Examiner	•					
	Applicant may not request that any objection to the d	lrawing(s) be held in abevance	See 37 CFR 1 85(a)						
	Replacement drawing sheet(s) including the correction			121(d)					
11) 🔲 .	The oath or declaration is objected to by the Exa	aminer. Note the attached O	office Action or form PTO-	152.					
	nder 35 U.S.C. § 119								
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	Acknowledgment is made of a claim for foreign p ☐ All b) ☐ Some * c) ☐ None of:	oriority under 35 U.S.C. § 11	19(a)-(d) or (f).						
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	 1. Certified copies of the priority documents 2. Certified copies of the priority documents 								
	and the property described to			•					
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apel	THO (Springer Date	6) Other:							

Application/Control Number: 10/616,630

Art Unit: 2854

The disclosure is objected to because of the following informalities: On page 7 line 1 "surrounded" should be --surrounding--, on page 7 line 6 "to fixedly located" should be corrected, on page 8 line 12 "Fig. 3" should be --Fig. 4--, on page 12 line 2 "while prevents" should be corrected, on page 12 line 9 "not prevents" should be corrected, and on page 13 lines 9 - 10 "have not any" should be corrected. Appropriate correction is required.

Claims 1 - 5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, page 15 lines 23 - 24, it is positively recited that the flat locating sheet of the elastic-cup support is "located on" said membrane-type switch circuit board which is only inferentially recited in the preamble in lines 6 - 7. Furthermore, note that the preamble is only to "An elastic-cup support" and not the circuit board. Therefore, it is not entirely clear whether applicant is claiming only the elastic-cup support or the elastic-cup support in combination with the circuit board. Since the preamble only sets forth an elastic-cup support, the claims will be examined with respect to the prior as if only the elastic-cup support is positively claimed in the body of the claim 1. However, it is applicant's responsibility to clarify the scope of the claim and amend it accordingly.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

⁽b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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Claims 1 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Suganami (US 6,236,003). Suginami discloses an elastic cup support comprising a flat locating sheet (53) with receiving holes (53e) provided with an upward projected wall portion (Figure 10). See column 1 line 18+ of Suginami. With respect to claim 5 note the radially inward projected lug at the upper edge of the wall portion (note the lead line for reference numeral 53e in Figure 10).

Claims 1, 2, and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Miyakoshi (US 6,355,894). Miyakoshi discloses an elastic cup support comprising a flat locating sheet (8) with receiving holes provided with an upward projected wall portion (81). See column 5 line 47+ of Miyakoshi. With respect to claim 2 see Figure 6 of Miyakoshi. With respect to claim 5 note that the upper edge of the receiving holes have a radially inward projected lug (column 5 lines 50 - 51).

Claims 1 and 3 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamada et al. (US 6,064,020). Yamada et al. disclose an elastic cup support comprising a flat locating sheet (15) with receiving holes (15f) provided with an upward projected wall portion (15e). See column 4 lines 31 - 44 and Figure 2 of Yamada et al. With respect to claim 3 note that the wall portions (15e) are discontinuous forming notches where the wall portions are not present.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Note Figure 9 of Nozawa et al. ('724) and Figure 3 of Su ('798).

Claim 4 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

The following is an examiner's statement of reasons for allowability: Neither Yamada et al. or the prior art of record teach inwardly extending lugs in the notches of the wall portion as recited in claim 4. Note that the notches of Yamada et al. cannot have any inwardly extending lugs to the extent of the notches.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen R. Funk whose telephone number is (571) 272-2164.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Hirshfeld, can be reached at (571) 272-2168.

The fax phone number for ALL official papers is (703) 872-9306. Upon consulting with the examiner *unofficial* papers only may be faxed directly to the examiner at (571) 273-2164.

SRF May 12, 2004

STEPHEN R. FUNK PRIMARY EXAMINER